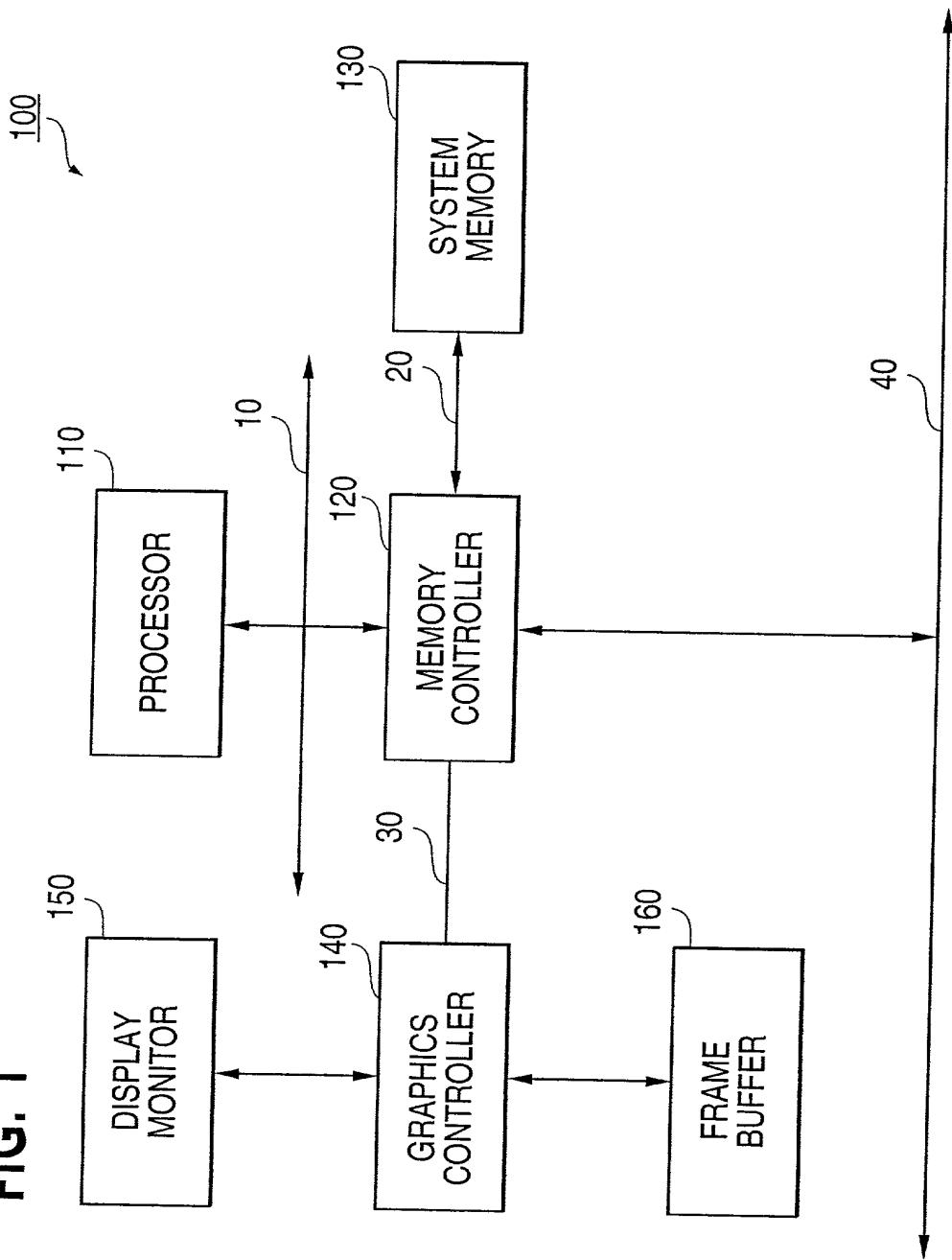
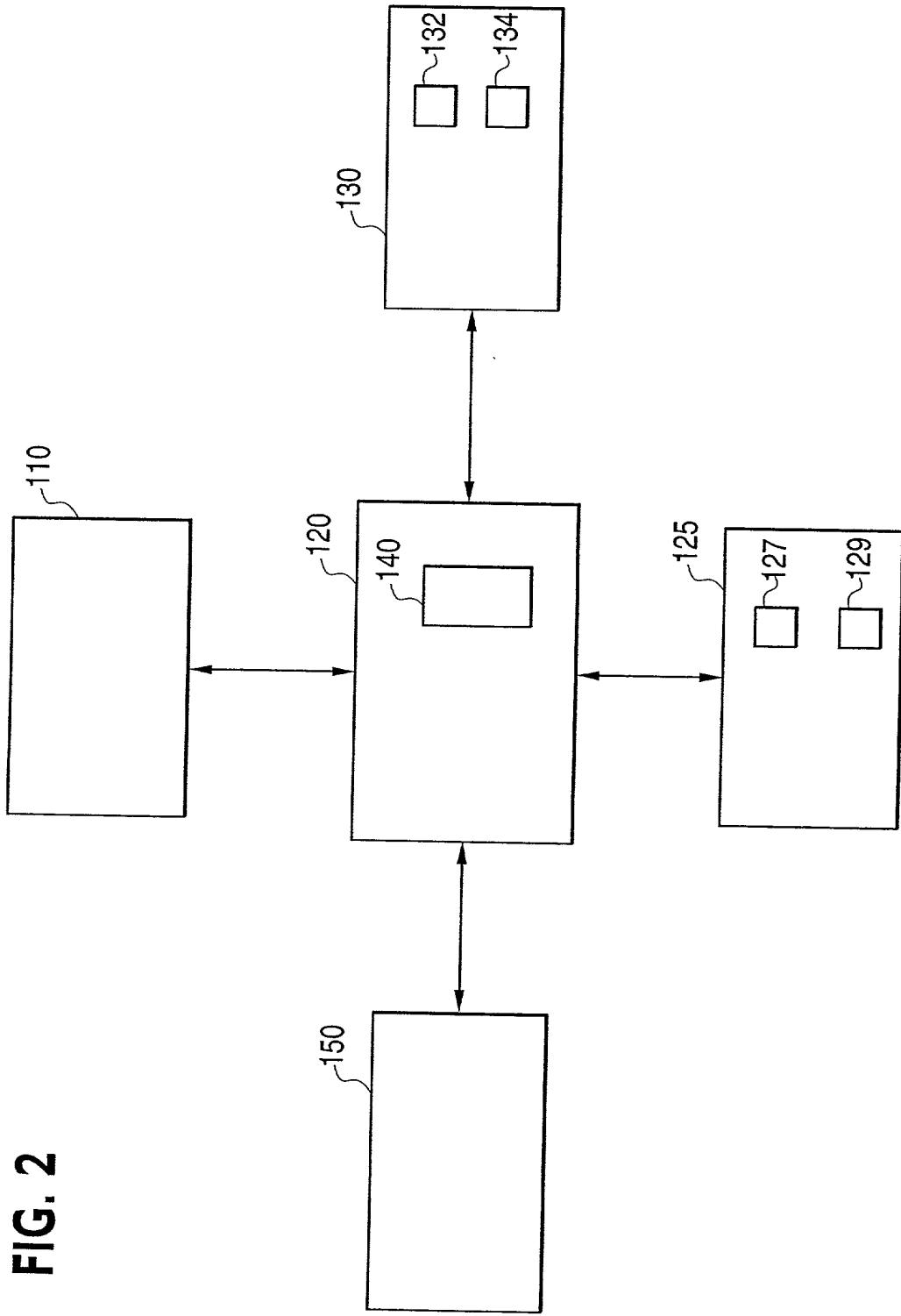


**FIG. 1**



**FIG. 2**



**FIG. 3**

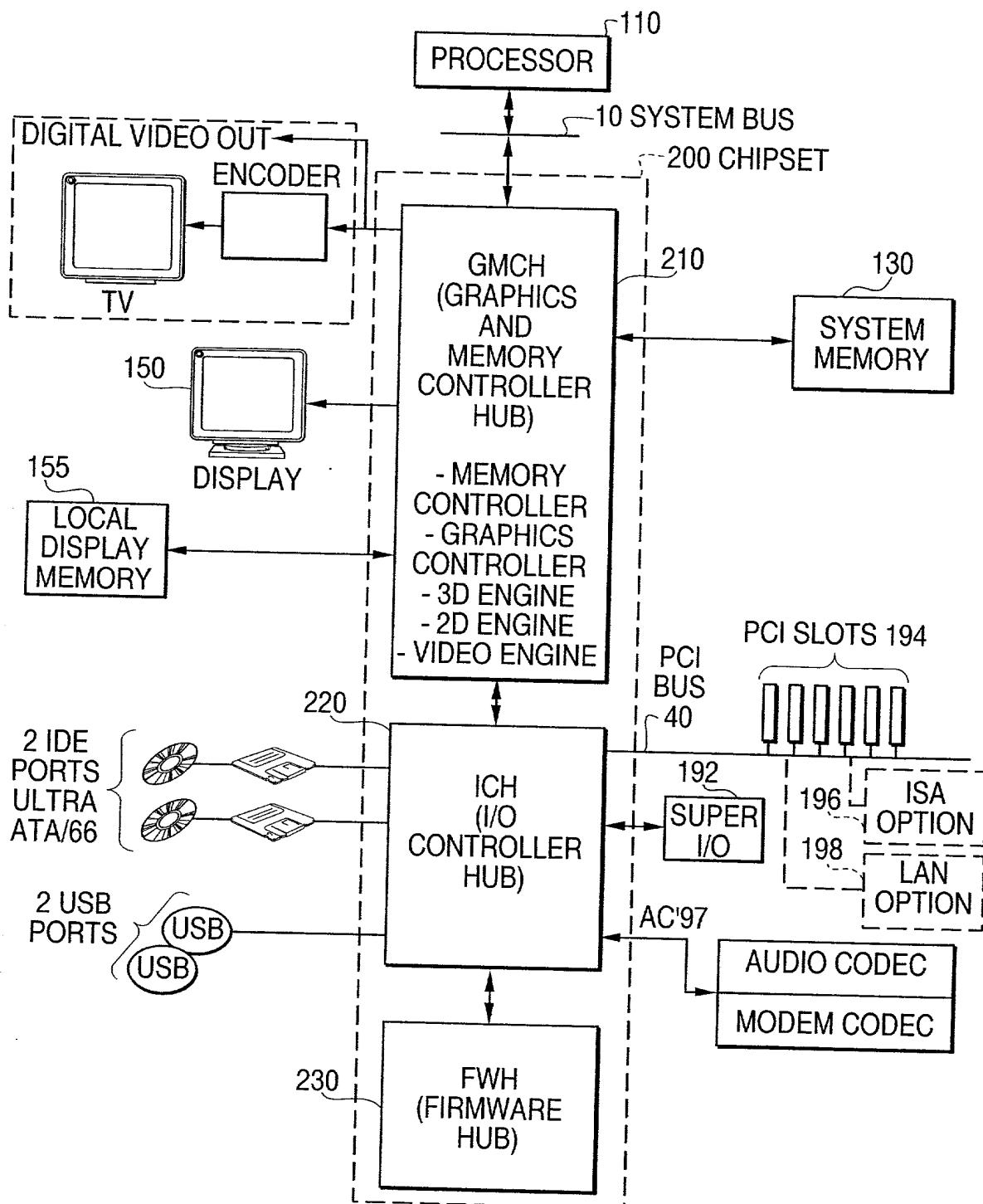
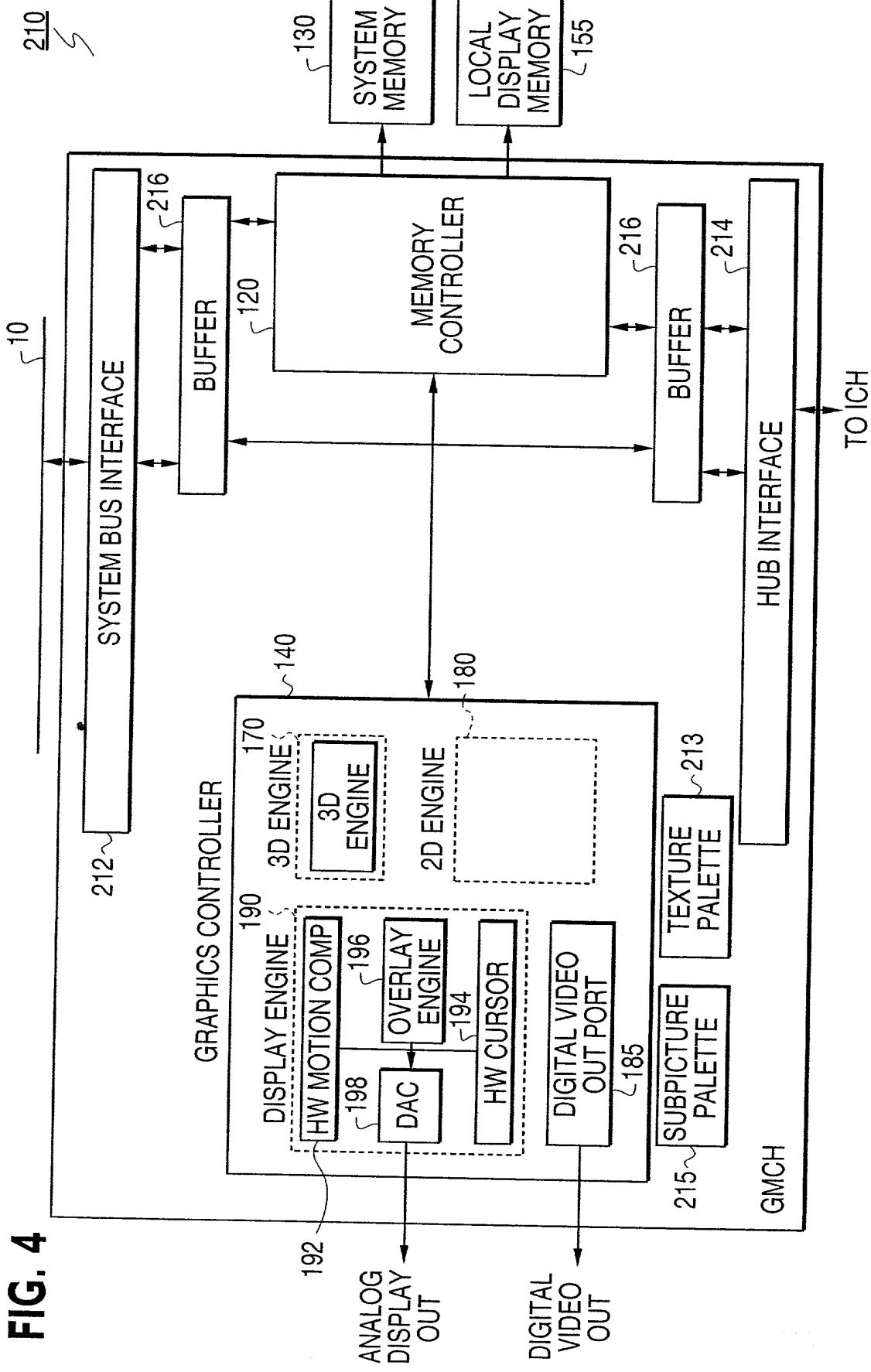
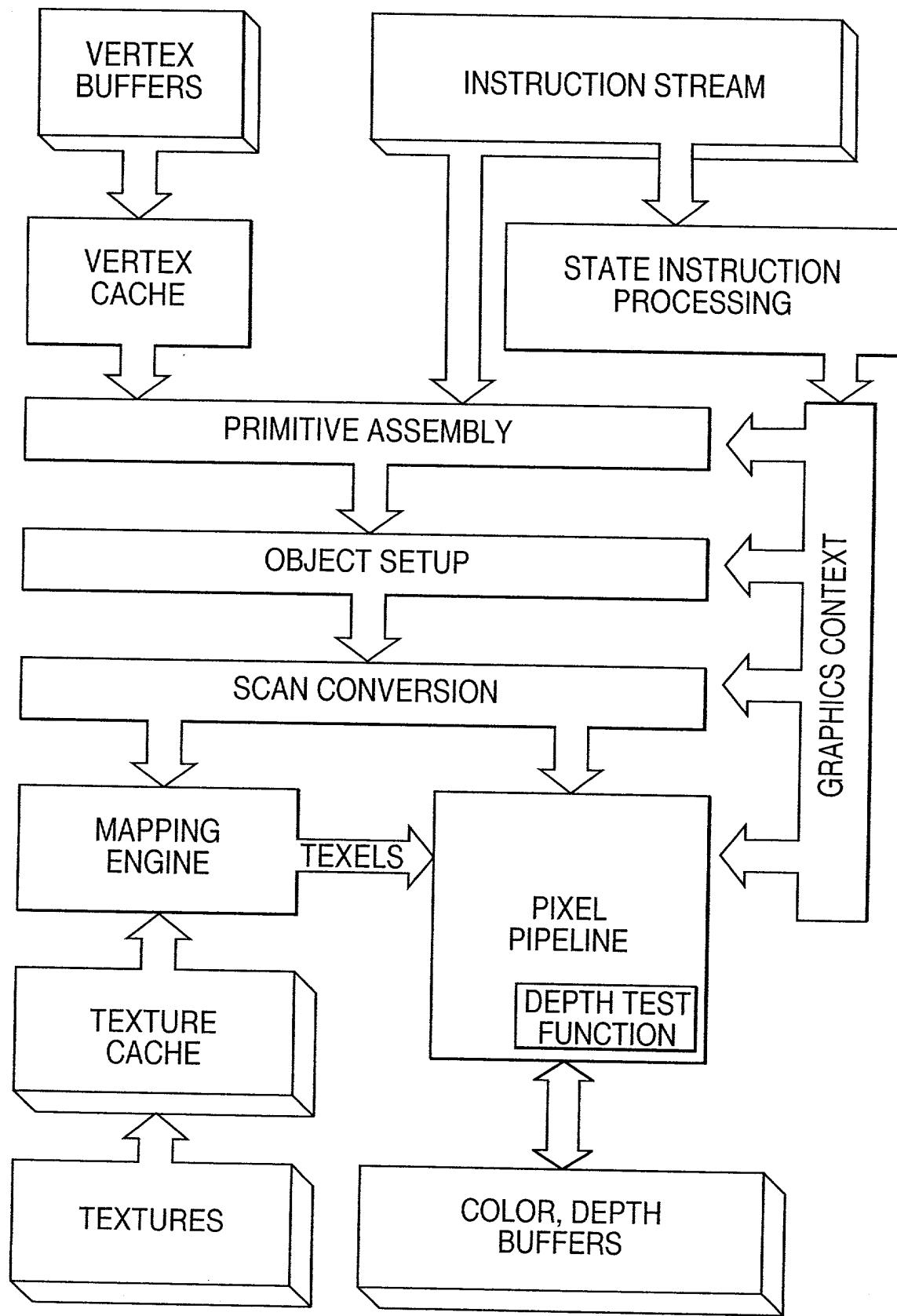


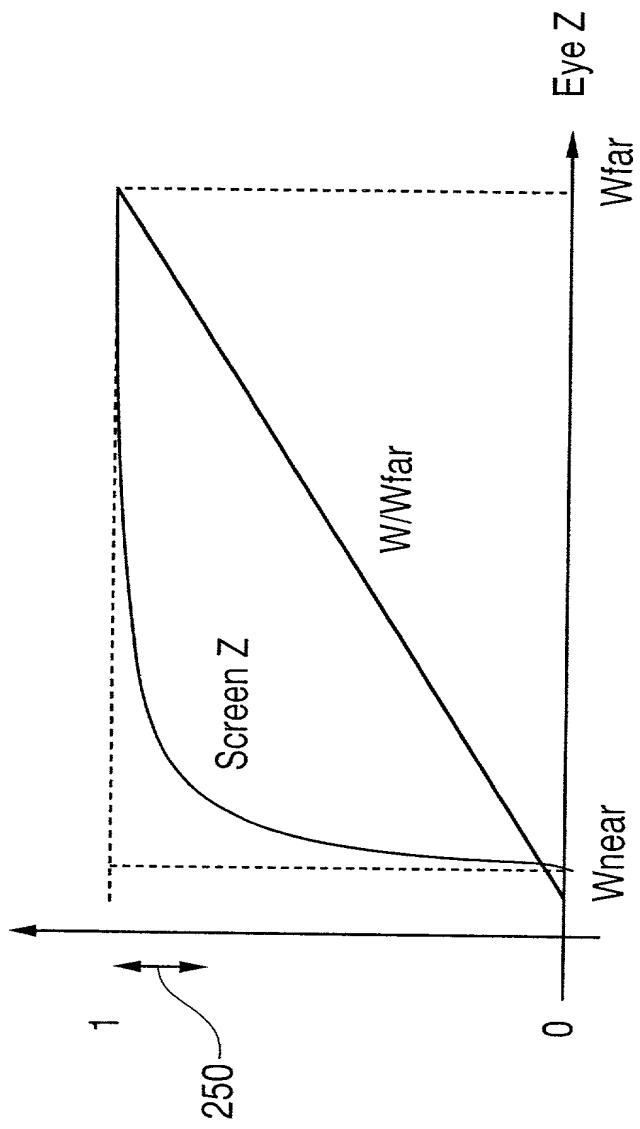
FIG. 4



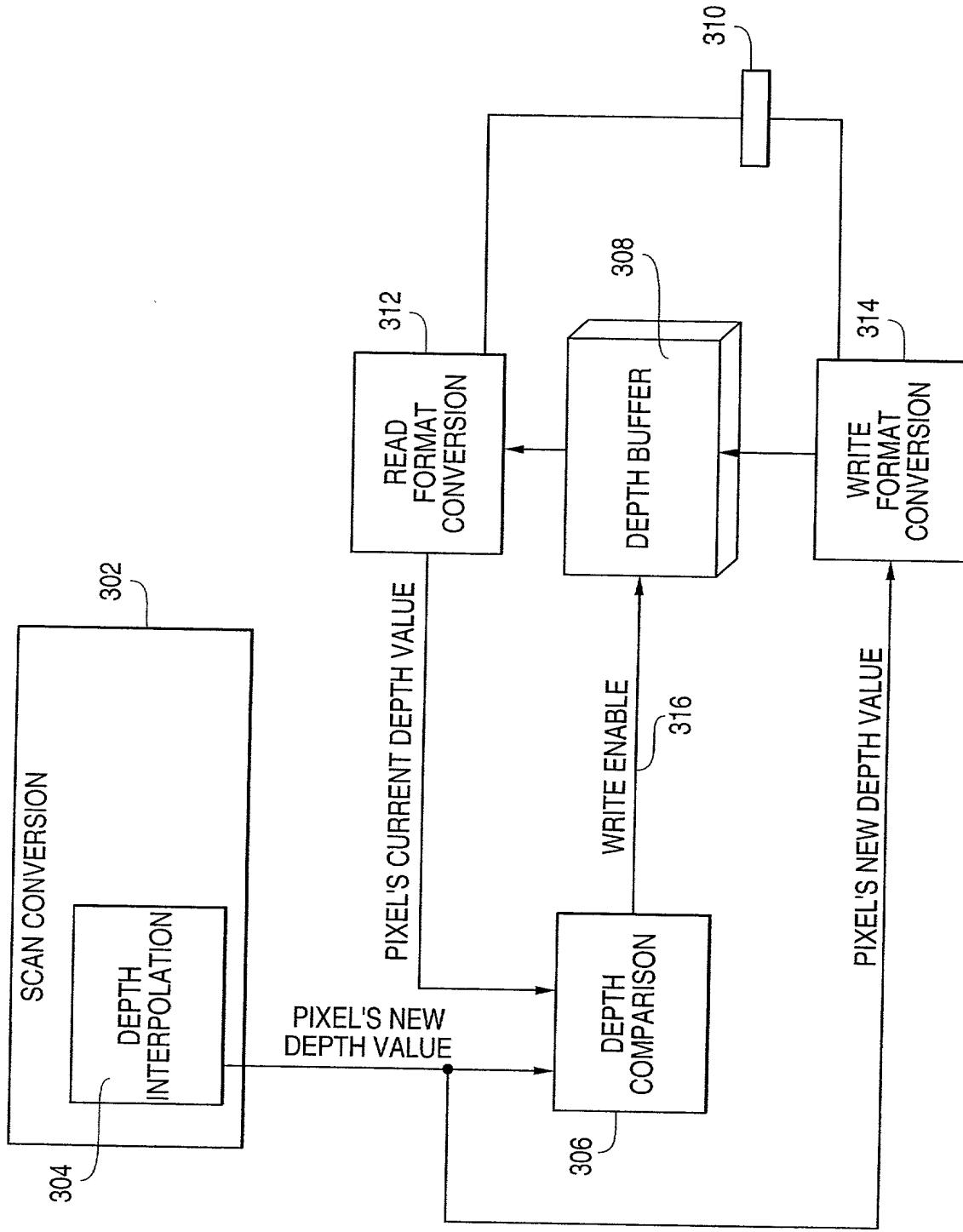
**FIG. 5**



**FIG. 6**



**FIG. 7**



**FIG. 8A**

Bit	Biased Exponent	16-n	15-n	0
Bit	Description			
15: 16-n	Biased Exponent: Format: n-bit unsigned biased exponent, where n= WExponentSelect. The exponent is biased by $2^n$ .			
15-n:0	Fraction: Format: (16-n)-bit fractional portion of the floating point significand.			

**FIG. 8B**

Bit	Normalized W	15	0
Bit	Description		
15:0	Normalized W (W/Wfar): Format: [0:16] Range = [0, 1]		

**FIG. 8C**

Biased Exponent (n bits)	Significand		Represented Value (W/Wfar)
	Integer	Fraction	
exp = 0.2n-1	1	frac	$1.\text{frac} * 2^{-(\exp-2^n)}$

## FIG. 9A

Bit	Stencil	24	23	Biased Exponent	24-n	23-n	Fraction
31:24	Stencil:						
	Format: U8						
	Range = [0,255]						
23:24-n	Biased Exponent:						
	Format: n-bit unsigned biased exponent, where n= WExponentSelect.						
	The exponent is biased by $2^n$ .						
23-n:0	Fraction:						
	Format: (16-n)-bit fractional portion of the floating point significand.						

## FIG. 9B

Bit	Stencil	24	23	Normalized W
31:24	Stencil:			
	Format: U8			
	Range = [0,255]			
23:0	Normalized W (W/Wfar):			
	Format: U0.24			
	Range = [0, 1]			